Contents	Reference to last Measurement
7	8

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496947

Serial No. 2nd and part bill:-
Name of Work Package No.02 [Package consists of 14 To works]
Name of Contractor of nature of Agency Sri. D.Narahari
Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Est cost:-	940.01 akhs					
	Head of account:-	P3158 - SIP - Infrastructure project works.					
	Government approval:-	Govt order No. ನಅಪ್ರ 259				WO 23	2018, dt: 03.9.18
	Amount put to tender:-	92159713.13					
	Approved tender price:-	98610893.05					
	work order no:-	No. BBMP/EE/BTP/WO/164/18-19, dt: 17.11.18					
	Job code →	007-18-00009 to 007-18-00122					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Item No.01:- Excavation for road, drains and similar works by manual means in ordinary soil.,

Qty vide measurement sheet no of excel sheet enclosed.,

Pg.no	qty
02 →	373.99
19 →	33.21
33 →	1077.06
74 →	78.48
82 →	782.25
Total =	2344.99 2340.99

1st and part qty → 1406.17 cum vide page no 496901

Present qty → 2344.99 cum

2340.99

M. A
M

Serial No. .....
Name of Work ..... Fro
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
	Total qty →	375
	BOQ qty →	104
	At the rate of Rs.	917.
	Item No.06:- Removing and re	
	Qty vide measurement sh	
	~~Qty~~.	Pg.
		04
		36
		75

BOOK

ons		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
similar works by manual			
sheet enclosed.,			
19 2340.99			
vide page no 496901			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496948

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Total qty →	3751.16 cum					508275-00
	BOQ qty →	1045476 cum					509144.66
	At the rate of Rs. 917.12 →						
	Item.No.06:- Removing and refixing stone slabs of drains and pointing in CM						
	Qty vide measurement sheet no of excel sheet enclosed.						
	~~Qty~~.	Pg.no	Qty				
		04 →	893.52				
		36 →	1211.76				
		75 →	106.27				

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		83 →	1307.16				
	Present qty → 3518.71 cum						
	1st and part → 0						
	total → 3518.71 cum						
	BOQ qty → 10405.60 cum						
	qty for payment → 3518.71 cum						
	At the rate of Rs. 86.2 →					303312.97.	
	Item No. 07:- Pronding granite slabs - 7.5 cms thick.						
	qty vide measurement sheet nos of excel sheet enclosed.						
	Pg.no qty						
	06 → 252.90						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ag
Date of commencement of work ...

Date	Full description, etc, of w
1	2
	1st and part →
	total →
	BOQ qty →
	qty for paymen
	At the rate of R

BOOK

ions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
+1 cum)			
	303312.97.		
5 cms thick.			
excel sheet enclosed.			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 496949

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		40 →	1228.38				
		76 →	16.20				
		84 →	327.60				
		Present qty →	1825.08 sqm				
	1 st land part →	4970	496902 →	1867.26 sqm			
	Total →		3691.34 sqm				
	DOG qty →		9726.92 sqm				
	qty for payment →		1825.08 sqm				
	At the rate of Rs. 712.28 →						1299967.98

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.10:- Providing and laying in position plain cement concrete of mix 1:3:6., Qty vide measurement sheet no of excel sheet enclosed.						
			Pg.no Qty				
			20 → 7.40				
			41 → 6.93				
			77 → 20.93				
		Present qty →	35.26	cum			
	1st and part qty → 496	903 →	176.92	cum			
	Total qty →	48.67	cum				
	DOQ qty →	176.92	cum				
	Qty for payment →	35.26	cum				
	At the rate of Rs. 5723.17	→					201801.84

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	
1	2	
	Item No.15:- Providing and	
	Qty vide measurement	
	Present	
	1st and part qty →	0
	Total qty →	18
	DOQ qty →	3
	Qty for payment →	1
	At the rate of Rs. 942.52	

NT BOOK

nensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
	plain	cement concrete of mix		
of	excel	sheet	enclosed.	
3				
6	cum			
.92	cum			
				201801.84

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496950

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No. 15:- Providing and constructing load bearing wall with solid blocks., Qty vide measurement sheet no of excel sheet enclosed.						
		Pg no	Qty				
		78 →	186.80				
	Present qty →		186.80 sqm				
	1st and part qty →		0				
	Total qty →		186.80 sqm				
	BOQ qty →		303.20 sqm				
	Qty for payment →		186.80 sqm				
	At the rate of Rs. 942.52 →						176062.74

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.16:- Providing and constructing granite / trap / basalt size stone masonry in foundation., Qty vide measurement sheet no of excel sheet enclosed.,						
		Pg.no	Qty				
		21 →	14.67				
		42 →	11.99				
	Present qty →		26.67			cum	
	1st and part qty → 4970	496903 →			39.80	cum	
	Total qty →	66.46 cum					
	BOQ qty →	241.26 cum					
	Qty for payment →	26.67 cum					
	At the rate of Rs. 4748.90 →						126630.37

Serial No. .....
Name of Work .....
Name of Contractor of nature of A
Date of commencement of work ..

Date	Full description, etc, of
1	2
	Item No.17:- Providing stone masonry., Qty vide measur
	1st and part qt
	Total qty →
	BOQ qty →
	Qty for payment
	At the rate of

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
trap/basalt size stone			
sheet enclosed.,			
um			
9.80 cum			
			12630.37

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496951

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No. 17:- Providing flush pointing to square rubble, course or uncoursed stone masonry.,						
	qty vide measurement sheet no of excel sheet enclosed.						
		Pg.no	qty				
		22 →	32.61				
		43 →	26.65				
		Present qty →	59.26	sqm			
	1st and part qty → 4970/496904 → 69.09 sqm						
	Total qty →	128.35	sqm				
	BOQ qty →	488.70	sqm				
	qty for payment →	59.76	sqm				
	At the rate of Rs.	110.02	→				6519.35

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Item No.18:- Providing and laying in position plain cement concrete of mix 1:2:4.)

Qty vide measurement sheet no of excel sheet enclosed.

	Pg.no	Qty
	23 →	4.64 ✓
	44 →	2.08 ✓
	79 →	15.70 ✓
Present qty →		22.41 cum

1st and part qty → 4970/4962 04 → 4.77 cum

Total qty → 27.18 cum

BOQ qty → 72.20 cum

Qty for payment → 22.41 cum

At the rate of Rs. 6171.18 → 138296.14

Serial No. .....

Name of Work .....

Name of Contractor of nature o

Date of commencement of wor

Date	Full description, etc
1	2
	Item No.20:- Providi
	Qty vide meas
	1st and part
	Total qty →
	BOQ qty →
	Qty for pay
	At the rate o

BOOK

ns		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
plain cement concrete of mix			
sheet enclosed.			
.77 cum			
			138296.14

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496952

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Item No.20:- Providing and fixing RCC precast cover slab of 100mm th.)						
	Qty vide measurement sheet no of excel sheet enclosed.						
		Pg. no	Qty				
		07 →	206.37.				
		Present qty →	206.37 Sqm				
	1st and part qty →	4970/4996 905 →	188.76 Sqm				
	Total qty →	395.13 Sqm					
	BOQ qty →	2499.60 Sqm					
	Qty for payment →	206.37 Sqm					
	At the rate of Rs. 1859.66 →						383778.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.21:- Providing and fixing Rcc precast cover slab of 250mm th,						
	Qty vide measurement sheet no of excel sheet enclosed.						
		Pg no	Qty				
		04 →	49.35				
		45 →	34.65				
	Present qty →		84.00	Sqm			
	1st and part qty → 49710/496906 → 81.90 sqm						
	Total qty → 165.90 Sqm						
	BOQ qty → 195.12 sqm						
	Qty for payment → 84.0 sqm						
	At the rate of Rs. 5297.57 →					444995.88	

Serial No. .....
Name of Work .....
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc,
1	2
	Item.No.22:- Excav
	Qty vide meas
	1st and part
	Total qty →

OK

Depth 6	Contents 7	Reference to last Measurement 8
cover slab of 250mm th,		
sheet enclosed.		
sqm)		
	444995.88	

M. A. R. 57 (Rule 116)
Measurement Book

No. B
496953

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item.No.22:- Excavation for roadwork in soil with hydraulic excavator of 0.9cum						
	Qty vide measurement sheet no of excel sheet enclosed.						
		Pg.no	Qty				
		08 →	23.29				
		25 →	158.21				
		49 →	513.67				
		86 →	51.85				
	Present qty →		747.03	sum			
	1st and part qty →	4970/4	96906	→ 21	10.77	cum	
	Total qty →	2857.80 cum					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	BOQ q-ty →		6408.20 cum				
	Q-ty for payment →		747.03 cum				
	At the rate of Rs. 176.29 →					131693.86	
	Item. No. 25:- Providing and laying, spreading and compacting hot-mix-macadam.,						
	Q-ty vide measurement sheet no of excel sheet enclosed.						
		Pg no	Q-ty				
		10 →	23.29				
		26 →	158.21				
		52 →	513.67				
		86 →	51.85				
	Present q-ty →		747.03 cum				

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	1st and part q-ty →
	Total q-ty →
	BOQ q-ty →
	Q-ty for paymen
	At the rate of
	Item. No. 26:- Providing
	Q-ty vide measure

IT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		131693.86	
ing and compacting			
eel sheet enclosed.			
3 cum			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496954

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	1st and part qty →	4970	496907 →		1807.77 cum		
	Total qty →	2554.80 cum					
	BOQ qty →	5302.07 cum					
	Qty for payment →	747.03 cum					
	At the rate of Rs. 1891.85 →						1413268.00
	Item. No. 26:- Providing and applying primer coat., Qty vide measurment sheet no of excel enclosed.	Pg. no 12 →	Qty 101.28				

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		27 →	5024.25				
		55 →	2233.35				
		90 →	225.45				
		Present q.ty →	7584.33 sqm				
	1st and part q.ty →	4970 | 496908 →	3391.75 sqm				
	Total q.ty →		10976.09 sqm				
	BOQ q.ty →		22350.08 sqm				
	Q.ty for payment →		7584.33 sqm				
	At the rate of Rs. 29.49 →					223661.97	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Item. No 27:- cleaning ... brushes and finally d... q.ty vide measurem...

Pres...

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
5			
5			
5			
.33 sqm			
→ 3391.75 sqm			
m			
m			
m			
		223661.97	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496955

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Item. No 27:- Cleaning the existing black topped surface with brooms, soft brushes and finally dusting.)						
	Qty vide measurement sheet nos of excel sheet enclosed.,						
		Pg no	Qty				
		14 →	6079.29				
		59 →	16875.40				
		69 →	9057.89				
		92 →	9480.44				
	Present qty →		41493.00			sqm	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1st and part qty →	4970	496908 →			9231.60 sqm	
	Total qty →		50724.61 sqm				
	BOQ qty →		93451.82 sqm				
	Qty for payment →		41493.00 sqm				
	At the rate of Rs. 3.4 →					141076.23	
	Item. No. 28:- Providing and applying tack coat.;						
	Qty vide measurement sheet no of excel sheet enclosed.;						
	Pg.no Qty						
	16 → 6180.57						
	28 → 5024.25						
	63 → 19291.75						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Pre
	1st and part qty →
	Total qty →
	BOQ qty →
	Qty for payment →
	At the rate of Rs. 13

BOOK

s adth 5	Depth 6	Contents 7	Reference to last Measurement 8
→	9231.60 Sqm		
		141076.23	
oat.)			
exceel sheet enclosed.			
5			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496956

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		71 →	9057.89				
		94 →	9705.89				
		Present qty →	49260.34 Sqm				
	1st and part qty →	4970	49690			→ 12623.35 Sqm	
	Total qty →	61883.69 Sqm					
	BOQ qty →	123762.50 Sqm					
		49260.34					
	Qty for payment →	~~12623.35~~ Sqm					
	At the rate of Rs. 13.61 →						
							670433.26

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No 30:- Providing and laying bituminous concrete 30-40mm; Qty vide measurement sheet no of excel sheet enclosed.						
			Pg no Qty				
			18 → 247.52				
			29 → 200.97				
			67 → 771.67				
			96 → 388.24				
			Present qty → 1970.41 sqm				
			1st and part qty → 4970 | 4969 10 →			504.93 cum	
			Total qty → 2475.34 cum				
			Part qty → 4632.08 cum				
			qty for payment → 1970.41 cum				

Assistant Executive Engineer
Kodigehalli Sub Division
Bangalore Mahanagara Palike
560 092

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	At the rate of Rs	

OK

Depth 6	Contents 7	Reference to last Measurement 8
concrete 30-40mm; sheet enclosed.		
33 cum		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496957

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	At the rate of Rs. 8686.84 →						17116668.55
	Grand total =						23287311.87

Actually N.D
AE(Civil)
22/8

22/8/19
Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate:-						
	Certified that the contractor has done the work satisfactorily.						
	Asst Exe. Engg. N.D AE(W)						

Assistant Engineer
Kodigehalli Sub Division
Bangalore Mahanagara Palike
Bangalore - 560 092

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	
1	2nd and Final	

ಲೆಕ್ಕಶೀರ್ಷಿಕೆ
ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 23286442 ಗಳನ್ನು ಪ
ಇದರಲ್ಲಿ ರೂ. 1378409 ಗಳನ್ನು
ಮಾಡಿಕೊಂಡು ರೂ. 21908033 ಗಳ

FT/NEFT/RTGS ಮುಖಾಂತರ ಸಂದಾಯವಾಗಿ

ನಿರ್ವಾಹಕರು
ಲೆಕ್ಕಾಧಿಕಾರಿಯವರ ಕಛೇರಿ
ಬ್ಯಾಟರಾಯನಪುರ ವಲಯ
ಬೃ.ಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು
7/9/19
ಕಾರ್ಯಪಾಲ
ಬ್ಯಾಟರಾಯ
ಬೃ.ಬೆ.ಮ.

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
ne the work satisfactorily.			

Sub Division
Mahanagara Palike
re - 560 092

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc. of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	2nd and Part Bill						
	ಲೆಕ್ಕಶೀರ್ಷಿಕೆ ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 23286442 ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ. ಇದರಲ್ಲಿ ರೂ. 1378409 ಗಳನ್ನು ಸೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂದು ರೂ 21908033/- ಗಳನ್ನು FT/NEFT/RT ಮೂಲಕ ಸಂದಾಯವಾಗಿದೆ ಲೆಕ್ಕಶೀರ್ಷಿಕೆ ನಿರ್ವಾಹಕರು ಬ್ಯಾಟರಾಯನಪುರ ವಲಯ ಬೃ.ಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು						

deductions

Total	23286442:00
IT	465729:00
CBT	23500:00
CWT	232900:00
CGST	207915:00
SGST	207915:00
Rwpt	240450:00

T.D. 1378409:00